State four types of passive transport

State 3 types of active transport

What qualifications would it take to cross a lipid bilayer via simple diffusion?

What qualifications would it take to cross a lipid bilayer via facilitated diffusion?

Explain how the sodium potassium pump works with ion channels to keep a balance of ions across the membrane.

How are animals affected differently than plant cells during the process of osmosis?

Why is the term “fluid mosaic” an appropriate term to describe the cell membrane?

What are the components needed to build a phospholipid? (not the elements, but the molecules that are put together…)

What is a similarity between osmosis, diffusion through ion channels, and the sodium potassium pump?

Osmotically speaking, explain why drinking salt water dehydrates you.

Why is the cell membrane arranged as such?

If you don’t water a plant, you will notice that the plant is wilting. Explain what is happening at the cellular level during this process.

What type of environment would an animal cell undergo cytolysis?

What type of environment would an animal cell undergo shriveling?

What type of environment would a plant cell undergo plasmolysis?  
What type of environment would a plant cell have extreme turgor pressure?